Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050720\
Data File : VV015944.D
Acq On : 07 May 2020 17:07
Operator : SY/MD
Sample : MDL06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Manual Integrations APPROVED
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5/8/2020 12:58:25 PM

Quant Time: May 08 06:01:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 12:11:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	132907	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131532	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	61826	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	37727	5.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.60%			
7) Chloroethane-d5	1.58	69	35475	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.80%			
11) 1,1-Dichloroethene-d2	2.12	63	60858	3.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.60%			
20) 2-Butanone-d5	3.96	46	113603	54.69	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.38%			
24) Chloroform-d	4.38	84	80543	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.06	65	51154	5.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.20%			
32) Benzene-d6	5.07	84	166033	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
36) 1,2-Dichloropropane-d6	6.09	67	53445	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.34	98	151442	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
45) trans-1,3-Dichloropropene-	7.65	79	18410	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
48) 2-Hexanone-d5	8.12	63	85673	52.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.02%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36168	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	56084	5.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	2329	0.229	ug/L	97
3) Chloromethane	1.24	50	2895	0.281	ug/L	98
5) Vinyl chloride	1.32	62	2370	0.240	ug/L #	56
6) Bromomethane	1.53	94	1696	0.303	ug/L	79
8) Chloroethane	1.59	64	3359	0.544	ug/L	91
9) Trichlorofluoromethane	1.76	101	3130	0.231	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2214	0.290	ug/L	91
12) 1,1-Dichloroethene	2.13	96	2433	0.333	ug/L #	1
13) Acetone	2.25	43	3025m	2.241	ug/L	
14) Carbon disulfide	2.30	76	5730	0.237	ug/L #	94
16) Methylene chloride	2.52	84	2782	0.318	ug/L	95
17) Methyl tert-butyl Ether	2.79	73	4556	0.240	ug/L #	89
18) trans-1,2-Dichloroethene	2.78	96	1892	0.234	ug/L	95
19) 1,1-Dichloroethane	3.21	63	3874	0.249	ug/L	95
21) 2-Butanone	4.06	43	4166m	2.024	ug/L	
22) cis-1,2-Dichloroethene	3.95	96	1851	0.219	ug/L	99
23) Bromochloromethane	4.29	128	856m	0.237	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.41	83	11830	0.690	ug/L		98
27) 1,2-Dichloroethane	5.16	62	2720	0.258	ug/L	#	76
29) 1,1,1-Trichloroethane	4.63	97	3134	0.216	ug/L		97
30) Cyclohexane	4.70	56	3176	0.219	ug/L	#	90
31) Carbon tetrachloride	4.85	117	2728	0.218	ug/L		94
33) Benzene	5.13	78	7809	0.236	ug/L		100
34) Trichloroethene	5.94	95	2111	0.223	ug/L		93
35) Methylcyclohexane	6.15	83	3778	0.264	ug/L		96
37) 1,2-Dichloropropane	6.21	63	2196	0.261	ug/L	#	87
38) Bromodichloromethane	6.54	83	2476	0.232	ug/L	#	90
39) cis-1,3-Dichloropropene	7.05	75	2615	0.220	ug/L		91
40) 4-Methyl-2-pentanone	7.26	43	11085	2.115	ug/L	#	86
42) Toluene	7.41	91	8339	0.238	ug/L		98
43) 1,3,5-Trimethylbenzene	10.56	105	5858	0.182	ug/L	#	100
44) 1,2,4-Trimethylbenzene	10.94	105	5681	0.177	ug/L	#	100
46) trans-1,3-Dichloropropene	7.68	75	2333	0.232	ug/L		98
47) 1,1,2-Trichloroethane	7.87	97	1349	0.240	ug/L		88
49) Tetrachloroethene	8.00	164	1635	0.248	ug/L		87
50) 2-Hexanone	8.17	43	15562	4.199	ug/L	#	88
51) Dibromochloromethane	8.27	129	1292	0.205	ug/L		92
52) 1,2-Dibromoethane	8.38	107	1151	0.221	ug/L	#	93
53) Chlorobenzene	8.91	112	5349	0.237	ug/L		99
54) Ethylbenzene	9.04	91	8406	0.211	ug/L		97
55) m,p-xylene	9.16	106	3029	0.205	ug/L		83
56) o-xylene	9.57	106	2673	0.189	ug/L		91
57) Styrene	9.59	104	4296	0.182	ug/L		98
58) Isopropylbenzene	9.95	105	8151	0.210	ug/L		98
60) 1,1,2,2-Tetrachloroethane	10.27	83	1639	0.273	ug/L	#	90
62) Bromoform	9.76	173	520	0.183	ug/L	#	60
63) 1,3-Dichlorobenzene	11.21	146	3996	0.240	ug/L		95
64) 1,4-Dichlorobenzene	11.30	146	4490	0.268	ug/L		98
66) 1,2-Dichlorobenzene	11.67	146	3996	0.265	ug/L		93
68) 1,3,5-Trichlorobenzene	12.67	180	2689	0.221	ug/L	#	92
69) 1,2,4-trichlorobenzene	13.29	180	2589	0.247	ug/L		95
70) Naphthalene	13.53	128	3483	0.209	ug/L	#	91
71) 1,2,3-Trichlorobenzene	13.77	180	2033	0.220	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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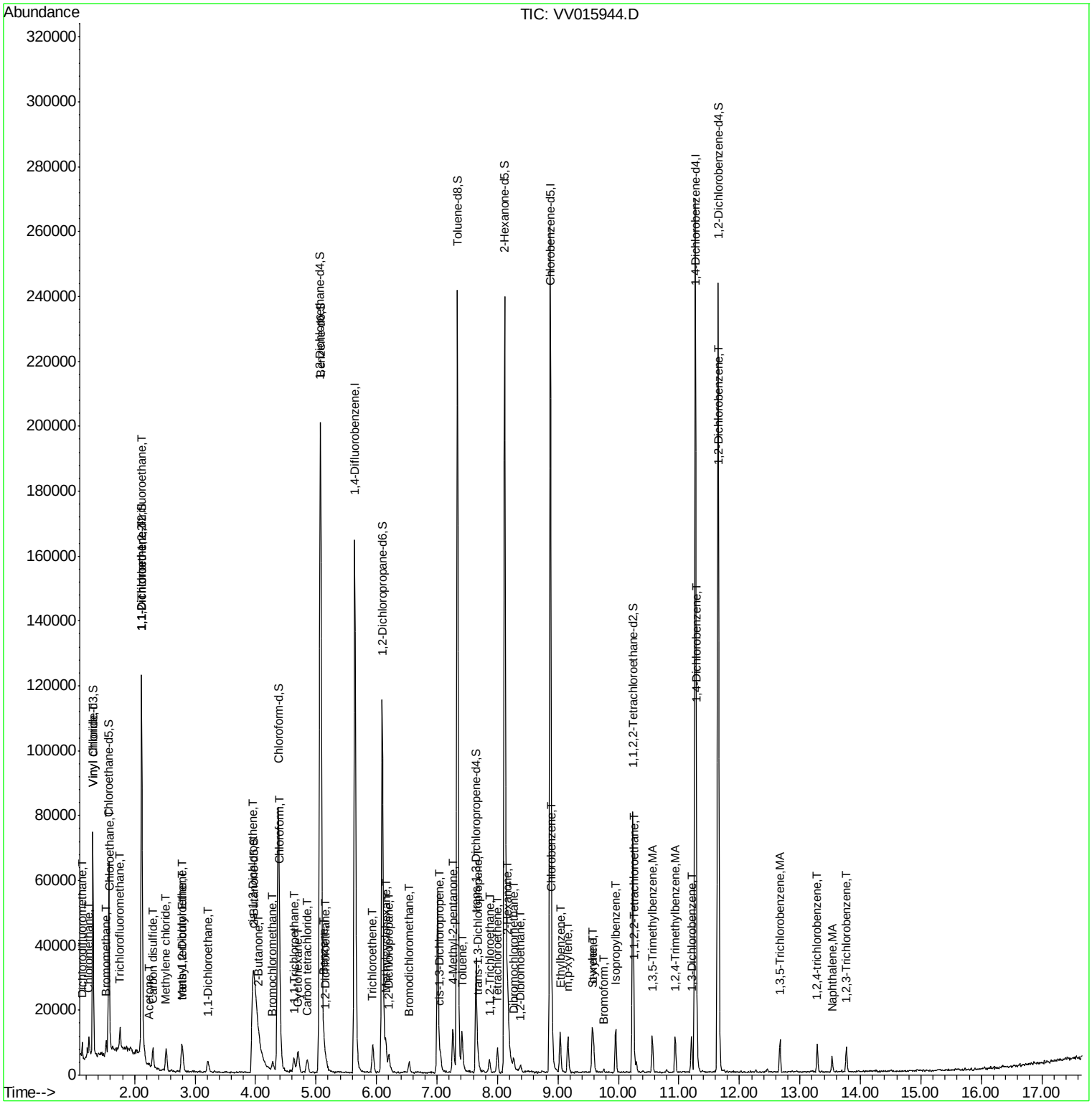
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